

CLAIM AMENDMENTS

Claims 1-9 (canceled).

Claim 10 (new): A fluid filter, comprising:

an outer casing; and

a filter assembly which is received within said outer casing, and comprises:

a plurality of corrugated filtering plates; and

a plurality of flat filtering plates alternated into said corrugated filtering plates to overlap with corrugated filtering plates in a "Z" shape manner so as to form a filter stack of said flat filtering plates and said corrugated filtering plates, wherein each of said corrugated filtering plates has two side plain edges and a corrugated ridge, wherein each of said corrugated filtering plates is respectively welded onto a pair of said neighboring flat filtering plates at opposed edges, such that two sides of said filter stack are enclosed with a "Z" shaped ending respectively as a fluid inlet and a fluid outlet, wherein a height of each layer of said filter stack is ranged between 2-10 mm and a crest interval of each of said corrugated filtering plates is ranged between 4-20 mm.

Claim 11 (new): The fluid filter, as recited in claim 10, wherein said side plain edge is positioned to be aligned with a central portion of said corrugated ridge, or respectively aligned with an upper portion and a lower portion of said corrugated ridge.

Claim 12 (new): The fluid filter, as recited in claim 11, wherein two sides of said filter assembly are coated with sealant glue for separating with an inner surface of said outer casing.

Claim 13 (new): A fluid filter, comprising:

an outer casing;

a plurality multi-layer corrugated filtering rings;

a plurality of multi-layer flat filtering rings; and

a central tube, wherein an innermost layer of said flat filtering ring is welded onto said central tube, an outermost layer of said flat filtering ring is welded onto an inner surface of said outer casing, wherein said multi-layer corrugated filter rings are coaxially alternated within said flat filtering rings and formed with a zigzag manner, wherein side edges of each of said corrugated filtering rings are respectively welded onto neighboring flat filtering rings so as to form a continuous filter core with "Z" shaped side endings, wherein two sides of said "Z" shaped side endings of said filter core are alternatively applied as fluid inlet and fluid outlet in applications, wherein each of said corrugated filtering rings is reserved with two side plain edges and remaining portion of said corrugated filtering rings is prepared corrugated ridge, said plain edge is sized between 3-8 mm.

Claim 14 (new): The fluid filter, as recited in claim 13, wherein said flat filtering rings has a cylindrical shape.

Claim 15 (new): The fluid filter, as recited in claim 14, wherein a height of said corrugated filtering ring and said flat filtering ring combination is ranged between 2-10 mm.

Claim 16 (new): The fluid filter, as recited in claim 15, wherein a crest interval between corrugated peaks of each of said corrugated filtering rings is ranged between 4-20 mm.